

**PRODUCTION OF POLYACRYLIC OR POLYMETHACRYLIC ACID HYDRAZIDE**

**Patent number:** JP60202108  
**Publication date:** 1985-10-12  
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**Classification:**  
- **international:** C08F20/60; C08F20/00; (IPC1-7): C08F20/60  
- **european:**  
**Application number:** JP19840057709 19840326  
**Priority number(s):** JP19840057709 19840326

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PURPOSE:To obtain poly(meth)acrylic acid hydrazide useful as a antithrombotic material, high-molecular sizing agent, or the like, by polymerizing a reaction product between hydrazine hydrate and an alkyl (meth)acrylate and/or (meth)acrylic acid. CONSTITUTION:A reaction product obtained by reacting 0.5-1.0mol of hydrazine hydrate with 1mol of a 1-22C alkyl (meth)acrylate (e.g., methyl methacrylate) and/or (meth)acrylic acid is polymerized near room temperature in air in the absence of any catalyst.

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